

GSEB

Class 12

Computer Paper – March(2020)

331(E)

5) Which of the following is a popular website for online auction ?

6) Which of the following statement is true for services provided by Online Banking?

7) Which E-commerce business model refers to businesses and organizations that sells products or services to customers over the internet using websites?

(A) Business to Consumer (B2C) (B) Business to Business (B2B)
(C) Customer to Customer (C2C) (D) Government to Business (G2B)

8) Which of the following is an example of a Business to Business (B2B) model website?

(A) www.commodity.com (B) www.tradeindia.com
(C) (A) and (B) both (D) None of the above

9) Which of the following refers to buying and selling of goods or services through the use of internet enabled wireless devices ?

- (A) Internet
- (B) M-Commerce
- (C) M-Banking
- (D) www

10) Which of the following is the transformation of encrypted text back into normal text?

(A) Firewall	(B) Digital Certificate
(C) Decryption	(D) Virus

11) Which of the following is the symbol for trademark ?

12) Which is the most accurate in determining a mobile device's position ?

- (A) Website
- (B) SSL
- (C) TCP/IP
- (D) GPS

13) Which of the following is used for securing web transactions on the internet?

- (A) TCP/IP
- (B) HTTP
- (C) HTML
- (D) SSL

14) Which is the most popular and widely accepted method of payment on internet ?

15) Which of the following is provided using encapsulation ?

- (A) Data protection
- (B) Data sharing
- (C) Separation of data and methods
- (D) All of the above

16) With which of the following options polymorphism cannot be achieved ?

17) An inheritance model refers to which of the following relationships ?

(A) 'is-a' (B) 'has-a'
(C) 'a-part-of' (D) all of these

18) Which of the following describes a group of objects with similar attributes and common behavior ?

(A) Object (B) Class
(C) Program (D) Diagram

19) Which of the following is a mechanism of providing protection to data and methods of a program?

(A) Encapsulation (B) Data abstraction
(C) Polymorphism (D) Aggregation

20) Which of the following represents non-exclusive relationship between two classes ?

(A) Aggregation (B) Composition
(C) Inheritance (D) All of the above

21) Which of the following is used to distinguish objects from each other?

(A) Attributes (B) State
(C) Behavior (D) All of the above

22) In object-oriented terminology, with reference to Inheritance, existing class is also called which of the following ?

(A) super class (B) parent class
(C) base class (D) all of the above

23) How many primitive data types are supported in Java?

(A) 2 (B) 4
(C) 8 (D) 16

24) Java language was developed by which of the following company ?

- (A) Sun Microsystems
- (B) Netscape
- (C) Microsoft
- (D) Oracle

25) Which of the following extension file is generated by compiler, when the program gets compiled without errors in Java?

- (A) .java
- (B) .C
- (C) .org
- (D) .class

26) Single-line comment begins with which sign in Java?

- (A) /*
- (B) //
- (C) /**
- (D) All of the above

27) What will be the result of arithmetic expression $9\%2$?

- (A) 4.5
- (B) 1
- (C) 4
- (D) 0

28) What is it called when `++` operator is used after variable name in Java?

- (A) post increment
- (B) pre increment
- (C) increment pre
- (D) pre decrement

29) Which of the following is use to repeat a sequence of statements over and over until some condition occurs?

- (A) block
- (B) array
- (C) loops
- (D) boolean

30) Which statement is executed if the value of boolean expression is true?

```
if(boolean expression){  
    <statement1>  
}
```

```
else
{
    <statement2>
}
statement3
```

- (A) statement2
- (B) error message
- (C) statement1
- (D) statement3

31) Which of the following statement is used to transfer the control outside 'Switch' or 'Loop' construct ?

- (A) continue
- (B) else
- (C) end
- (D) break

32) Which of the following variable name is not valid in Java?

(A) marks (B) 4subject
(C) total_marks (D) \$age

33) Which of the following defines attributes and methods?

- (A) class
- (B) object
- (C) instance
- (D) variable

34) Which keyword is used in Java to define a class ?

35) Which step(s) are required to create an object from the class ?

- (A) Declaration
- (B) Instantiation
- (C) Initialization
- (D) All of the above

36) Which keyword is used to create an object by allocating memory ?

- (A) memory
- (B) new
- (C) allocate
- (D) variable

37) By which of the following operator, instance variables and instance methods are accessed via objects?

- (A) ; operator
- (B) . operator
- (C) * operator
- (D) % operator

38) Which of the following statement is used to declare class variable totWindows in class with instance variables?

- (A) static int totWindows;
- (B) Static Int totWindows;
- (C) STATIC totWindows;
- (D) Int totWindows;

39) Which variables are not initialized by default values in Java?

- (A) Instance variables
- (B) Class variables
- (C) Local variables
- (D) All of the above

40) In Java, which is a special kind of method that is invoked when new object is created ?

- (A) Modifiers
- (B) Polymorphism
- (C) Class
- (D) Constructor

41) Which access modifier in Java provides visibility to classes defined in other package also?

- (A) Private
- (B) Public
- (C) Protected
- (D) All of the above

42) Which of the following keyword is used to refer a superclass constructor in subclass constructor?

- (A) extends
- (B) super
- (C) name of the superclass
- (D) new

43) Which is a variable in Java representing a collection of homogeneous type of elements?

- (A) array
- (B) function
- (C) for loop
- (D) while loop

44) Which of the following syntax is used to declare array in Java?

- (A) <data type><array name>[];
- (B) <data type>[]<array name>;
- (C) Both (A) and (B)
- (D) None of the above

45) How many bytes of memory location are occupied by an array 'b' of int $b[][] = \text{new int}[5][3];$?

- (A) 15
- (B) 60
- (C) 5
- (D) 3

46) What can be considered as a sequence of characters in Java?

- (A) group
- (B) null value
- (C) string
- (D) object

47) Which of the following statement is true to compare the contents of str1 and str2?

- (A) str = str2
- (B) str1 != str2
- (C) str1 (=) str2
- (D) str1 == str2

48) For which of the tasks, methods are provided by string class in Java?

- (A) Compare strings
- (B) Find length of string
- (C) Combining strings
- (D) All of the above

49) Which of the following statement is true to return a string with all characters of str1 converted to lower case ?

(A) str1.toLowerCase()
(B) str1.Tolowercase()
(C) str1.TOLOWERCASE()
(D) toLowerCase()

50) Date class is available in which of the following Java package?

(A) java.Date package
(B) java.util package
(C) java.All package
(D) java.Calender package

51) Which information can be extracted by Calender class of java.util package of Java?

(A) Year, Month
(B) Hour, Minute
(C) (A) & (B) both
(D) None of the above

52) What does 'length' refer to for an object of String class?

(A)attribute
(B) method
(C) class variable
(D) class name

53) Which of the following refers to an error condition in object-oriented programming terminology?

(A) anomaly
(B) abbreviation
(C) exception
(D) deviation

54) Which of the following block handles or takes appropriate action when an Exception occurs ?

(A) try
(B) catch
(C) throws
(D) handles

55) Which of the following is an advantage of using a try....catch block ?

(A) Exceptional events are eliminated

- (B) Exceptional events are reduced
- (C) Exceptional events are integrated with regular events
- (D) Exceptional events are isolated from regular events

56) Which exit code in SciTE editor indicates that the command execution is successful ?

- (A) 0
- (B) 1
- (C) -1
- (D) 10

57) Which clause signifies that there is no catch block within the method that can handle exception ?

- (A) throws
- (B) if
- (C) loop
- (D) array

58) Which class in Java is used to accept input from the Keyboard?

- (A) java.keyboard
- (B) java.util.Input
- (C) java.SCANNER
- (D) java.util.Scanner

59) In which of the following storage type, values are stored in variables are lost when a computer is shutdown?

- (A) Volatile Storage
- (B) Non-Volatile Storage
- (C) Both (A) and (B)
- (D) None of the above

60) How many methods are available in Java for a file class that can be used to perform various operations on a file ?

- (A) 3
- (B) 120
- (C) 8
- (D) 30

61) In Linux, "passwd" file present in which directory stores the information of the users existing in the system?

- (A) /root
- (B) /extra
- (C) /etc
- (D) None of the above

62) Which is an abstract representation of an input or output device that is used as a source or destination for data?

- (A) stream
- (B) scanner
- (C) method
- (D) function

63) Which of the following format is used in Java to store a character ?

- (A) ASCII
- (B) Unicode
- (C) Both (A) & (B)
- (D) None of the above

64) Which class defines the functionality that is available for all character inputt stream ?

- (A) void reader class
- (B) Exact reader class
- (C)abstract reader class
- (D) super reader class

65) Which of the following character is used to mark a comment in LaTeX?

- (A) \$
- (B) %
- (C) #
- (D) &

66) Which of the following website hosts the LaTeX packages?

- (A) CTAN
- (B) CLAN
- (C) CTEN
- (D) CLEN

67)Which of the following commands generate the set union symbol?

- (A) \cup
- (B) \setunion
- (C) \cap
- (D) \union

68) Which command is used to view the generated pdf file at the command prompt?

- (A) show pdffilename
- (B) view pdffilename
- (C) evince pdffilename
- (D) all of the above

69) Which menu-option is used in SciTE editor to view the file in the default document viewer?

- (A) File --> Go
- (B) Insert --> Output
- (C) Tools --> Go
- (D) Tools --> Output

70) What is an optional argument in the following LaTeX command?

```
\documentclass[12pt]{article};
```

- (A) article
- (B) 12pt
- (C) document class
- (D) all of the above

71) What is the full form of tar?

- (A) tape archiver
- (B) tech archiver
- (C) test archiver
- (D) tight archiver

72) Which of the following is a feature-rich media player?

- (A) VAC
- (B) VEC
- (C) VLC
- (D) VNC

73) Which of the following are different variants of Rational Plan?

74) Which software allows us to make calls over the internet using our computer ?

(A) Rational Plan	(B) 'R' software
(C) Skype	(D) LaTeX

75) Which R command is used for accessing the online help?

- (A) onlinehelp()
- (B) linehelp()
- (C) help()
- (D) helpdemo()

76) Which of the following is the tag used to implement form element in HTML?

- (A) <form>...</form>
- (B) <form>...<form>
- (C) </form>...</form>
- (D) <frm>...</frm>

77) Which of the following method sends the data as a block through the HTTP transaction?

- (A) GET
- (B) SET
- (C) PUT
- (D) POST

78) Which of the following element allows multi-line text input in HTML ?

- (A) textarea
- (B) input
- (C) select and option
- (D) form

79) Which of the following is a free open source web development IDE ?

- (A) HTML
- (B) Kompozer
- (C) Scite
- (D) Base

80) In Kompozer, which of the following menu-option is used to view different toolbars and statusbar?

- (A) Tools --> Show/Hide
- (B) Edit --> Show
- (C) View --> Show/Hide
- (D) Insert --> Show

81) Which keyboard shortcut is used to close the site manager pane in Kompozer?

- (A) F1
- (B) F9
- (C) F2
- (D) F10

82) In Kompozer, which of the following menu-option is used to insert label?

- (A) Tools --> Define label
- (B) Edit --> Form --> Define Label
- (C) Insert --> Form --> Define Label
- (D) File --> Define Label

83) Which of the following menu-option is used to create selection list option in Kompozer?

- (A) Edit --> Selection List
- (B) File --> Selection List
- (C) Insert --> List
- (D) Form --> Selection List

84) Which of the following allows specifying styles for the visual elements of the website?

- (A) Cascading Style Sheets
- (B) Webpage
- (C) Form
- (D) Animation

85) Which of the following are two main parts of CSS rule?

- (A) Selector, declaration
- (B) Select, declaration
- (C) Selector, declare
- (D) Selection , declaration

86) Which of the following symbol signifies the start and end of a JavaScript block?

- (A) semicolon
- (B) square bracket
- (C) curly bracket
- (D) round bracket

87) Which of the following is a container for storing data in JavaScript?

- (A) Variable
- (B) Integer
- (C) Event
- (D) Event handler

88) In Kompozer, which tabs are available on the right side of CSS Style Sheets dialog box?

- (A) General, Text
- (B) Background , Box
- (C) Borders, Lists
- (D) All of the above

89) Which of the following toolbar contains CSS button in Kompozer?

- (A) Menu bar
- (B) Format Toolbar-1
- (C) Composition Toolbar
- (D) Format Toolbar-2

90) Which of the following company has developed JavaScript scripting language?

- (A) Microsoft
- (B) Sun Microsystem
- (C) Oracle
- (D) Netscape

91) Which built-in function takes the text and displays it in an alert box in JavaScript?

- (A) display()
- (B) alert()
- (C) message()
- (D) submit()

92) In JavaScript, which event occurs when user leaves a page?

- (A) focus
- (B) unload
- (C) abort
- (D) blur

93) Which of the following is the most important object in the browser object model?

- (A) document
- (B) history
- (C) location
- (D) link

94) Which of the following helps in promoting the business, selling the products and attracting a large number of customers?

- (A) Website
- (B) Webpage
- (C) Form
- (D) CSS

95) Which of the following information should a website contain?

- (A) Complete, Relevant
- (B) Complete , Irrelevant
- (C) Incomplete, Irrelevant
- (D) Incomplete, Relevant

96) Which of the following is the first page that opens when the user enters the URL address in the address bar of the browser?

- (A) Home page
- (B) Last page
- (C) Web page
- (D) First page

97) Which menu-option is used to change color of the text in Kompozer?

- (A) Insert --> Color
- (B) Tools --> ChangeColor
- (C) View --> Color
- (D) Format --> TextColor

98) Which menu-option is used to create link in Kompozer?

- (A) File --> Link
- (B) Edit --> Link
- (C) Tools --> Hyperlink
- (D) Insert --> Link

99) Using which of the following inbuilt JavaScript function data can be converted into number?

- (A) isnumber()
- (B) parseFloat()
- (C) parseNumber()
- (D) convertNumber()

100) Which of the following languages are supported by Aptana studio IDE ?

- (A) HTML, CSS
- (B) Ruby, Rails
- (C) PHP, Python
- (D) All of the above

Answers:

(1-A) (2-A) (3-A) (4-D) (5-C) (6-B) (7-A) (8-C) (9-B) (10-C)
(11-C) (12-D) (13-D) (14-A) (15-A) (16-C) (17-A) (18-B) (19-A) (20-A)
(21-B) (22-D) (23-C) (24-A) (25-D) (26-B) (27-B) (28-A) (29-C) (30-C)
(31-D) (32-B) (33-A) (34-C) (35-D) (36-B) (37-B) (38-A) (39-C) (40-D)
(41-B) (42-B) (43-A) (44-C) (45-B) (46-C) (47-D) (48-D) (49-A) (50-B)
(51-C) (52-B) (53-C) (54-B) (55-C) (56-A) (57-A) (58-D) (59-A) (60-D)
(61-C) (62-A) (63-B) (64-C) (65-B) (66-A) (67-A) (68-C) (69-C) (70-B)
(71-A) (72-C) (73-A) (74-C) (75-C) (76-A) (77-D) (78-A) (79-B) (80-C)
(81-B) (82-C) (83-D) (84-A) (85-A) (86-C) (87-A) (88-D) (89-C) (90-D)
(91-B) (92-B) (93-A) (94-A) (95-A) (96-A) (97-D) (98-D) (99-B) (100-D)